ABSTRACT

A method and a system for identifying unauthorized accesses to a data network service by a particular node in a data network is disclosed. The NMC communicates with an agent periodically to gather a list of users of the service node. An agent is installed on the service node to monitor all network accesses to the service. By configuring the agent to monitor all access to the service node, through SNMP or a similar protocol, the agent maintains a list of all accesses to that service node. This list is stored internally by the agent and queried for by the NMC periodically. The access information stored by the agent is periodically retrieved by the NMC for all monitored nodes and compared with the authorization list for the node. If unauthorized accesses are found, they are identified by the NMC. These unauthorized accesses can be notified to the appropriate entity in a number of ways such as through paging, email or a report viewable through the NMC.